

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: John Mouw <jmouw@grtk.com>
Subject: [6506] (no subject)
Message-ID: <199604011845.NAA28086@grtk>

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Dave Fifield <fifield@lan.nsc.com>
Subject: [6517] 10 Meters
Message-ID: <3160610B.364C@lan.nsc.com>

I was just twiddling around listening to the contest on Sunday afternoon, and heard there was some DX on 10 Meters. I didn't expect to hear anything, but tuned up there anyway, and found several "LU" stations (Argentina) coming in quite well.

Let's have a laugh, I say to myself, call them just to see what happens! So, with my puny 10 Watts of SSB, I gave one of them a shout - you could have knocked me over with a feather.....he came straight back to me! Then I tried it with another one, same thing! So I had my FIRST EVER 10m contacts with Argentina (not some local station), LU4HAW, followed by LU6MFD.....not bad eh? Then the band died....(of course)....

Isn't qrp fun...

Dave Fifield

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| LAN Applications Manager      | KE6ZBZ      |  
| National Semiconductor Corp   | QRP-L #92   |  
|                               | Norcal too  |  
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From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: kellner@usa.acsys.com (Richard G. Kellner)
Subject: [6465] 40-9'er
Message-ID: <9604010530.AA27523@usa.acsys.com>

Well I finally had to go to Seattle to get my Altoids boxes. They cost \$1.99 at Payless. I checked with someone on qrp-l, and then in Los Alamos, Albuquerque, Salt Lake City (didn't get into too many stores there), Richland and finally Seattle. In Seattle I got lucky and found them in the first store I checked - Payless. I'll bet, if you figure travel costs and time, these are the most expensive Altoids boxes of any

of them.

The other good news is that my 40-9'er kit had arrived when I got back from travel! See you all on 40m soon with the 40-9'er,
73, Rich W5RXP

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Larry East <LVE1@inel.gov>
Subject: [6486] 40-9er output filter
Message-ID: <2.2.16.19960401161303.21af846c@134.20.32.17>

There was a post from Chuck with a reply from someone else (sorry, deleted it without writing down who it was from...) regarding cap size for the input filter in the 40-9er. Also, the reply mentioned using a series resonant circuit with back-to-back diodes to isolate receiver input from the antenna. Well, it just so happens that I did that this weekend -- including putting a step-up transformer at the receiver input. Much improved receiver sensitivity! However, it did not change the second harmonic content of the transmitter output -- still about 20 dB or so down from the fundamental. I tried decreasing the size of the input filter cap to 240 pF, with no significant change. Didn't try increasing it... and I'm returning the borrowed service monitor today! Oh well...

72, Larry.

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: AC6JA@aol.com
Subject: [6466] 40-9er success!
Message-ID: <960401011111_366817015@emout08.mail.aol.com>

hello fellow qrp'ers!
just finished building the 40-9er and packaging it with the kc-1 keyer. made three contacts already. have contacted turlock, death valley, and san jose, ca from my qth in foster city, ca. the rig seems to put out almost 1watt when running off of my radio shack 2.5amp regulated power supply at close to 15volts. sure takes some getting used to listening to a direct conversion receiver after being used to the wilderness 40a, sierra, and new qrp plus. put the 40-9er and kc-1 in a small metal case with lithium battery, and put two small momentary push button switches on either side of the case to act as my iambic paddle. sure works out great. now that everything works, it's time to start modifying the rig. also antenna used is a 40m hamstick dipole mounted on a telescoping painters pole on the balcony of the townhome at 16ft!

72's....sk.....e.e

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: rossi@vfl.paramax.com (Pete Rossi)
Subject: [6488] 80 METER BEACON REPORT (..finally)
Message-ID: <9604011623.AA29281@gvlf6-a>

The following is a summary report of the recent 80 meter QRP beacon which ran the weekend of March 9-10 1996.

First, I must apologize for the delay in getting this report out. Things have been pretty crazy at work and home for the past couple weeks. A friend of mine used to say " Time is natures way of preventing everything from happening at once. " Well for the past few weeks there simply was not enough time... so everything happened at once! ..and the radio/beacon stuff had to wait a bit. Anyway enough excuses...

Beacon reports were received from 74 different stations; including 4 via QSL cards. Almost all reported copying at least one codeword.

This beacon test made use of the same automatic power sequencer used in the previous beacon sessions, however it was programmed to step through the power levels at a much faster rate.

Unfortunately, due to lack of time I have not had a chance to really analyze all of the reports in extreme detail to see if there were any patterns, etc. I was surprised to see that several stations reported hearing the 80 meter beacon during the day at distances of 300-500 miles! though usually only at the 2 watt level (but a few were at the lower levels too)

All in all, reports were received from 23 states + VE3:

east/northeast : RI NH NJ NY VT CT + VE3
south : VA NC SC GA TN
central/south : LA MS TX
central/north : OH MI KY IN
mid-west : MO KS
west : AZ CA NM

A lot of reports stated that they could hear the beacon at the next lower power level which they could copy the codeword at, however could not copy

enough to make out the code words between the static crashes and/or QRM. Guess that says something about 80 meter propagation. The signals do get through... but so does the noise.

Once again there was a wide representation of rigs and antennas. Lots of people using 40 meter antennas. I wish I could have included more details with the report .. but I would have never finished it.

I saved all incoming e-mail pertaining to the beacon in a separate mail folder and if anyone would like to read all of the details, I would be glad to e-mail send a copy. It's about 175k.

Many thanks to all who participated. Certificates confirming reception of your lowest power level codeword received will be available. I have received offers from Jerry W4UKU and Jim N2JJ to print them so we may spread the work around a little this time. The details are still being worked out and will be posted shortly.

I will also provide QSL cards if you send me one along with an SASE.

I wish I could have replied to each report individually but the volume vs. time available did not permit it.

Some weekend in the not too distant future, Paul AA4XX and I hope to run two beacons in parallel at the same time (few KHz apart) for comparison measurements. This may happen sometime in April. Stay tuned to QRP-L for future announcements.

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I have listed the stations copying the codeword grouped at each power level and then listed in order of miles/watt.

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80 METER QRP BEACON SUMMARY REPORT

0200z Saturday Mar 09 - 0200z Monday Mar 11 1996

Solar flux : aprox 70

3557 KHz

WA3NNA/B

16 Northwood Road, Newtown Square, PA 19073

15 miles west of Philadelphia
FM29hx

Lat. 39 59 6 N
Long. 75 22 46 W

Newtown Square coordinates from QRP-L (used in all calculations below)
(I am aprox 1 mile east of this location)

Lat. 39 59 12 N
Long. 75 24 05 W

Transmitter power: The transmitter power was controlled automatically; set at 6 different levels, 2 minutes at each level, according to the following schedule. A different codeword was sent at each power level. Power output levels 2mW thru 2 watts were measured with an OHR WM-1 wattmeter and a 50 ohm dummy load. The 630 and 200 uW levels were measured using a TEK 453 scope and dummy load. All other power levels were verified with the scope.

----- minutes past hour -----					power	-reference level-	
						(100W)	(2W)
:00-02	:12-14	:24-26	:36-38	:48-50	2 W	-17 dB	0 dB
:02-04	:14-16	:26-28	:38-40	:50-52	200 mW	-27 dB	-10 dB
:04-06	:16-18	:28-30	:40-42	:52-54	20 mW	-37 dB	-20 dB
:06-08	:18-20	:30-32	:42-44	:54-56	2 mW	-47 dB	-30 dB
:08-10	:20-22	:32-34	:44-46	:56-58	630 uW	-52 dB	-35 dB
:10-12	:22-24	:34-36	:46-48	:58-60	200 uW	-57 dB	-40 dB

TX antenna - full size 80 meter inverted-vee
center @ 65' ends @ 30' running east-west

And now... the winners are...

Congratulations to the following who successfully copied the codeword "NINE" at 200 microwatts! Good job!

CALL	NAME	LOCATION	DATE/TIME	MILES	MILES/WATT
KC1FB	Jim Francoeur	Norwalk CT	MAR 10 2056	130	650,000
W3TS	Mike Michael	Halifax PA	MAR 09 0253	87	435,000

And an honorable mention goes to WA3YON, Bob Nygren in Sweet Valley PA who copied "LINE".. pretty close :-) Many of the stations that copied the 630 uW codeword reported hearing traces of 200 uW but could not make out the code word.

The following people successfully copied the 630 microwatt codeword "HAIL"

CALL	NAME	LOCATION	DATE/TIME	MILES	MILES/WATT
N2JJ	Jim Janack	Galway NY	MAR 09 1157	221	350,794
N3KFL	Al Moyle	Lemont PA	MAR 09 1156	139	220,635
KD3KP	Jeffrey Lynn	Williamsport PA	MAR 10 0120	121	192,063
K3TKS	Danny Gingell	Silver Spring MD	MAR 10 1244	106	168,254
K4CGY	Jim Owen	Mt Airy MD	MAR 09 2008	102	161,905
KC4EWT	Dan Johnson	Herndon VA	MAR 09 1919	100	158,730
WA3YON	Bob Nygren	Sweet Valley PA	MAR 09 ----	98	155,556
WA8MCQ	Mike Czuhajewski	Severn MD	MAR 09 ~0500	91	144,444
W03B	Bob White	Pasadena MD	MAR 09 ~0300	82	130,159

Honorable mention to VE3NDL Glen in Hamilton ON copied "HALL" Close but not quite..

The following people successfully copied the 2 milliwatt codeword "LEFT"

CALL	NAME	LOCATION	DATE/TIME	MILES	MILES/WATT
AA8LF	John Kelly	De Witt MI	MAR 09 0257	514	257,000
N3GO	Gary O Neil	Raleigh NC	MAR 09 ----	340	170,000
W8THC	Donald Carr	Newcomerstown OH	MAR 10 0830	328	164,000
VE3DNL	Glen Leinweber	Hamilton ON	MAR 09 1742	319	159,500
AA1IK	Ernie Gregoire	Canaan NH	MAR 09 ----	307	153,500
W1ZPB	Walton Congdon	Northfield MA	MAR 09 1320	242	121,000
W5TEH	Lee Rosson	Newport RI	MAR 09 2207	240	120,000
NK3R	Steve Martin	Woodbridge VA	MAR 09 ~0900	135	67,500
N4HUR	Bob Binlkey	Vienna VA	MAR 09 1530	124	62,000
WB4ZHO	Don Snider	Germantown MD	MAR 09 0615	114	57,000

N3MHW	Rick Talbott	Walnutport PA	MAR 09 0844	54	27,000
AA3GN	Joe Landis	Montgomeryville PA	MAR 09 0300	19	9,500

The following people successfully copied the 20 milliwatt codeword "WORM"

CALL	NAME	LOCATION	DATE/TIME	MILES	MILES/WATT
KF5IU	Dave Teague	Jena AL	MAR 10 0628	1095	54,750
N5KDA	Gary Nations	Natches MS	MAR 10 0514	1066	53,300
WA0NKE	Dale Lam	Kansas City MO	MAR 10 0500	1021	51,050
AK0B	Stan Wilson	St Charles MO	MAR 09 0442	808	40,400
W3PM	Gene Marcus	Hunstville AL	MAR 10 ~0500	712	35,600
WA9MPY	Bob Kraft	Joliet IL	MAR 10 0818	617	30,850
W4UKU	Jerry Flanders	Agusta GA	MAR 09 ----	574	28,700
KB8ZQZ	Dennis Boone	East Lansing MI	MAR 09 2345	507	25,350
WB8IJN	Nils Young	Medway OH	MAR 10 2306	460	23,000
N8ET	Bill Kelsey	Findlay OH	MAR 10 ~0230	439	21,950
KB8USZ	Bill Ruth	Oberlin OH	MAR 10 ~0200	368	18,400
AE4IC	Bob Kellogg	Greensboro NC	MAR 10 ~0245	361	18,050
N8XZF	Mike Swaney	Mentor OH	MAR 10 0048	331	16,550
KM1Z	Fran Flynn	Burlington VT	MAR 09 ----	330	16,500
AA4YZ	Kirk Staats	Canton OH	MAR 10 0043	321	16,050
VE3SP	Ron Hands	Hamilton ON	MAR 10 ~0000	319	15,950
K8WVG/1	Les Jendro	Dracut MA	MAR 09 1030	282	14,100
N1RXT	Chuck Ludinsky	Chelmsford MA	MAR 10 2220	275	13,750
WA1QVM	Joel Malman	Concord MA	MAR 09 0853	271	13,550
N2JGU	Gary Diana	Henrietta NY	MAR 09 2217	241	12,050
N1QQV	Ken Freedman	Madison CT	MAR 09 0230	172	8,600
KA2QPG	Pierre Thomson	Rifton NY	MAR 09 0220	146	7,300
KQ4AL	Grover Tolliver	Occoquan VA	MAR 09 0653	134	6,700
AF4K	Brian Carling	Gaithersburg MD	MAR 09 1251	122	6,100
AD3Y	Larry Weissman	Marlton NJ	MAR 09 2340	26	1,300
N2CQ	Ken Newman	Woodbury NJ	MAR 09 ~0430	17	850
N2CX	Joe Everhart	Brooklawn NJ	MAR 09 0102	16	800

The following people successfully copied the 200 milliwatt codeword "WALK"

CALL	NAME	LOCATION	DATE/TIME	MILES	MILES/WATT
N6MM	Harvey Hetland	Altadena CA	MAR 10 0603	2364	11,820
K0FRP	Al Dawkins	Aurora CO	MAR 09 0320	1553	7,765
AB0AE	Fred Ringwald	Ottawa KS	MAR 09 0351	1063	5,315
WA0NKE	Dale Lam	Kansas City MO	MAR 09 ----	1021	5,105
WB0CLD	Bill Launer	St Charles MO	MAR 09 0417	808	4,040
N9NVV	Charlie Kuhn	Terre Haute IN	MAR 09 0213	635	3,175
WJ4P	Randy Hargenrader	Charleston SC	MAR 09 ~0450	554	2,770

K8EF	Gerry Foley	Columbus OH	MAR 10	1242	402	2,010
VA3RSA	Richard Budny	Markham ON	MAR 09	0500	352	1,760
WB50AU/4	John Brewer	Raleigh NC	MAR 09	0048	340	1,700
W1AW	N2CX op.	Newington CT	MAR 10	1953	187	935
KT4FJ	Mike Penzo	Stafford VA	MAR 10	1409	152	760

The following people successfully copied the 2 watt codeword "MARS"

CALL	NAME	LOCATION	DATE/TIME	MILES	MILES/WATT
W5VEC	Dick Arnold	Sunnyvale CA	MAR 09 0248	2491	1,246
K5QQ	Jim Baremore	Albuquerque NM	MAR 10 1300	1735	868
W5TFB	Jack Bryant	College Station TX	MAR 10 0413	1340	670
KC0CL	Dave Swezy	N Kansas City MO	MAR 09 0326	1020	510

The following people submitted reports which either did not include codewords or had incorrect codewords.

CALL	NAME	LOCATION	DATE/TIME	MILES	MILES/WATT
N6YIU	Al Himelson	Woodland Hills CA	MAR 10 0500	2364	0
W5XE	Ray Colbert	El Paso TX	MAR 10 0500	1819	0
K5FO	Chuck Adams	Dallas TX	MAR 09 0302	1285	0
NA9N	Dan Venderplough	La Porte IN	MAR 09 ~0300	602	0
WA4GZE	Steve Fritts	Knoxville TN	MAR 09 ----	540	0
N1VXW	Richard Lubash	Dublin NH	MAR 09 0118	266	0
KF8EE	Ted Albert	Loveland OH	MAR 09 0753	476	0
NG3W	Chris Bell	Shinglehouse PA	MAR 09 1400	199	0

Please forgive me if I missed anyone.. or at a particular level.. or otherwise messed up. I had over 100 e-mail messages of data to sift through. Many stations sent multiple reports during the weekend. Please send me any corrections.

I will be posting information about certificates in a few days.

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Hope to run the 40 meter beacon again sometime in April... Stay tuned..

Until next time, 73 & happy listening,

Pete Rossi - WA3NNA
rossi@vfl.paramax.com

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: N5EM@aol.com
Subject: [6527] 9 VDC Lithiums
Message-ID: <960401215651_261733810@mail06>

Gang,

Just bought 2 lithium batteries for my 40-9er kit at Radio Shack. Had found them in the Hosfelt catalog for \$9.95 and was surprised to not only find them at the Radio Shack per anothers suggestion, but to find them for \$6.99 plus tax. Exact same battery according to the picture in the Hosfelt Catalog.

Per that catalog, 1200 maH. @ 900 ohm to 5.4 v. Maximum discharge: 120 ma continuous.

The battery is an Ultralife, Lithium Power Cell, U9VL-BP. Radio Shack has written in their part number 23-665 in ball point pen on the card.

72
Ed

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: dgf@netcom.com (David Feldman)
Subject: [6489] 9V battery capacities
Message-ID: <199604011627.IAA27989@netcom4.netcom.com>

Has anyone done capacity testing of various types of 9V "transistor" size batteries? What is the mAh of each type (drycell, alkaline, nicad, lithium) at qrp-application current levels (say 40 mA rcv, 200 mA xmt, etc.)? I was looking at the rat shack 9V lithium cell which claims significantly higher capacity than other types in the same form factor, and it seemed that the price per watt-hour of lithium vs. alkaline isn't too far off.

73 Dave WB0GAZ dgf@netcom.com

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [6492] Altoid question
Message-ID: <Pine.SUN.3.92.960401100552.403B-100000@ume>

Canadians need to know....what is an Altoid?

Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
Clinical Assistant Professor * NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary * "Power is no substitute for skill"

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [6485] Brilliant QRP+ marketing ploy
Message-ID: <Pine.3.89.9604011122.A918-0100000@w3eax.umd.edu>

Everyone is doing what Index wants them to in dumping their old QRP+s in lieu of simply upgrading them. In making the upgrade price \$250, and bumping up the price of the new ones by just \$100, they're succeeding in GREATLY increasing the TOTAL number of units in existence.

Figure that people paid \$595 for their QRP+s. A year-old QRP plus would be worth \$450; add the \$250 upgrade on top of this and it's \$700! The price of a new one, with a fresh warranty! So instead, people sell their old ones in a hurry, maybe \$395 - \$425. For a decent all-band QRP rig, this is a good price, even without the upgrade.

So many of the old rigs get sold for cheap to people who might someday wish to have them updated for \$250; and for every one sold as 2nd hand, Index sells a brand new one to the seller.

B R I L L I A N T marketing.

* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** VHF @ <25w, HF @ <5w *** Save a cake, pound BRASS instead ***
* 138 cfd with dipoles * QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC *
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: RobCap@aol.com
Subject: [6478] Case for the 49er
Message-ID: <960401095546_261110704@emout06.mail.aol.com>

hi folks-

Have built my 49er, which I'm enjoying very much. Clearly not a rig that's going to see lots of air time, but definitely worth having some novelty QSO's.

Radio Shack sells a very nice beige plastic case for \$5.25 that works great. The 49'er board fits neatly into the main compartment (after I notched the two lower corners, that-is), and there is a small compartment designed to house a 9-volt battery.

The case comes with a 9-volt battery clip as well.

The box has a removable side panel, which is where I attached four components: antenna jack, key jack, phones jack, and on/off switch. Because the little panel slips out, wiring is a breeze.

So, if you don't mind the total radio cost escalating from \$25 to \$30, you might want to take a look at this case.

(By the way, I had looked at a Sucrets case, but the battery would have to be external. Decided the Sucrets case was too spartan.)

73,

Rob

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Larry East <LVE1@inel.gov>
Subject: [6483] Cheap/Easy Source of QRP Finals?
Message-ID: <2.2.16.19960401155223.21d721bc@134.20.32.17>

While snooping around the local Rat Shack Saturday, I noticed that they carry 2N3053 general purpose medium power transistors (stock No. 276-2030). I bought one (a whopping \$0.99) to see if it would work on RF. Put it in my 40-9er "test bed" and sure enough, a clean 0.6W out with 13.2V supply -- only about 0.1W less than with a 2N3553! With a little more drive, one could probably get 2 - 3W out of one of these little buggers, and maybe 5W with two in parallel.

And what a coincidence; just saw a post from someone wanting info on these! Here's the condensed specs:

- Max collector-emitter V: 40V
- Max continuous current: 700 mA
- Max Ft: 100 MHz
- Max power dissipation: 5W

Can't beat that for \$0.99 ...

72, Larry.

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: gevans@lightspeed.net (Gary H. Evans)
Subject: [6528] Coax
Message-ID: <199604020319.TAA20422@new-ls.lightspeed.net>

I'm getting ready to install some new hf wire antennas and thought it might be a good time to replace the old RG213/U coax. Its been a long time since I purchased any coax and I'm not familiar with some of the new numbers. Any suggestions on a good type with a good uv resistant jacket would be appreciated. The coax will be installed on a 65' tower with about a 100 ft run. Also, any suggestions for baluns would help. The wire antennas are inverted vees. Tnx...

Gary Evans - AA6R
Visalia, Ca.
gevans@bak2.lightspeed.net

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [6519] Comment about QRP+ marketing "ploy" not a "ploy" at all?
Message-ID: <Pine.3.89.9604011719.C2099-01000000@w3eax.umd.edu>

I didn't intend to trash anyone here. I just find the situation very interesting regarding the pricing of the QRP+; It's better for OWNERS to go and sell theirs and buy new one. Financially speaking, it's a wash, but there's the issue of warranty:

\$450 plus \$250 = \$700 for a used, updated rig.
\$695 = new rig, new warranty.

There is no doubt in my mind that Index is making virtually nothing on the upgrades. My comment was not about MONEY, but about recognition and the maybe doubling the number of units in the field. By the very nature of the deal being presented, it seems to be causing the sale of older units, putting QRP+s in the hands of people who would never have bought at \$595.

Again, I doubt that it was the intent, but it was a brilliant thing to do, both for Index and for the QRP population in general! No trashing intended - what would be the point?

* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** VHF @ <25w, HF @ <5w *** Save a cake, pound BRASS instead ***
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* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

On Mon, 1 Apr 1996 JDuffy@aol.com wrote:

> I don't think this was a marketing decision but rather a decision based on the cost
> of upgrading the QRP+. In fact, I really doubt if Bruce is making any money
> on the upgrade at all. Think about it, almost all new boards and labor for
> \$250! He can't be making any money. And what is he going to do with the old
> boards? Probably trash them.

>

> Index is the first radio manufacturer that I know of that has agreed to
> upgrade their product at a very nominal price. Beating up on Bruce and Index
> will only help drive a reputable company, with a great product, from the
> marketplace.

>

> Regards,

>

> Duffy - WB8NUT

>

>

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996

From: David Johnson <djohnson@acpub.duke.edu>

Subject: [6468] Cool KnightLite 2-way

Message-ID: <Pine.SOL.3.91.960401013033.27466C-100000@godzilla2.acpub.duke.edu>

Greetings KnightLites and other interested QRPers!

This past weekend I travelled to the western part of North Carolina on a mini-vacation getaway with my wonderful wife! We visited Chimney Rock, which was beautiful even on an overcast day. The actual rock known as Chimney Rock is a huge jutting piece of rock on the side of a mountain, and of course I brought along a radio! My HT was tuned to 146.52 at the 0.5 W level, and to my surprise got a prompt response from fellow KnightLite AE4AZ !!!

Ray, AE4AZ, is a mail carrier and he was on his route. Now,

the amazing coincidences here included the fact that Paul, AA4XX, had given me Ray's telephone number before my trip, saying that I might want to get in touch with Ray, as he has been scouting out some sites for the upcoming KnightLite Field Day event, and may like to hear from a fellow Knight. So I was planning to call Ray on the phone that night!

Another coincidence was that Ray only works 2m while on his route (since his only 2m rig is kept in the mail delivery car!), and he had not planned to be on the job that day, but was called in at the last moment when his normal substitute could not work.

Ray told me, in our first contact, that there is very little activity on that frequency in the area normally, but that he happens to monitor it anyways when he is on his route. Thus we were BOTH very pleasantly surprised to meet on the air on VHF! Ray was several miles away, but my elevation on that mountain allowed me to have another contact with him a bit later, when I had hiked away around the side of the mountain. My power on this second contact was 30 mW !!!

I hope you all keep having fun with QRP !

Best wishes to everyone, especially my fellow Knights!

72,

Dave

David W. Johnson	QRP ARCI 6546
Amateur Extra WA4NID. Low power enthusiast!	G-QRP 4864
email: djohnson@acpub.duke.edu	NorCal 355
packet: WA4NID@KB4WGA.#DUR.NC.USA.NOAM	TSRAC 3482

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [6507] Definition of "Altoid"
Message-ID: <Pine.3.89.96040111314.A1358-01000000@w3eax.umd.edu>

An Altoid is a curiously strong, small, peppermint "candy." I believe them to be English and, having tried them on several occasions, I have indeed found them to be curiously strong.

* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** VHF @ <25w, HF @ <5w *** Save a cake, pound BRASS instead ***
* 138 cfd with dipoles * QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC *
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: WJ4PRandy@aol.com
Subject: [6499] digital dial info
Message-ID: <960401124129_367005065@emout06.mail.aol.com>

Hi gang!

Based on the email I rcvd lately I goofed and
didn't say how to contact Radio
Adventures Corp.... So..

rac@usa.net
814 677 7221 voice
814 677 6456 fax

Also, the dial wasn't *specifically* made for the
OHR400...thats the rig *I* put it in. It is made to
put a dig dial on *any* rig - even (shudder!) the old
tube rigs...which I guess wouldn't be so bad as an
external box so the "anchor" was still "stock" and
beautiful...

73, Randy WJ4P

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: wdzeares@rockdal.aud.alcatel.com
Subject: [6494] FS: DSP9
Message-ID: <9604011708.AA09568@aud.alcatel.com>

I have a very clean, like new DSP9. It is the
older model but can be updated by Timewave for
\$35 and they pay return shipping...
I will sell and ship for \$85.
email: home wdzeares@ix.netcom.com
or email to work (above)
thanks, 72/73 dennis K3ets dallas

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: John D Young <jdy@whitney.ufl.edu>
Subject: [6515] Great circle distance comments
Message-ID: <Pine.LNX.3.91.960401145450.16573A-100000@whitney.ufl.edu>

The last few days there has been a thread on calculating great circle distance. It seemed some were worried about whether the lat/lon is in ddd.mmss or ddd.mmdd with last two places as decimal fraction of a degree. The whole debate may be pointless. Keep in mind that each minute of latitude is about one nautical mile, 1.15 statute mile, or 6000 ft. Each minute of long. is equal to that one nautical mile * cos lat. At 45 deg lat (north or south) each minute of long is only about 4000 ft.

If you were to drop everything past the minutes your error would be a max of just over 2 miles. When you think that most hams give the QTH as the nearest town, I doubt we can expect anything better than a few percent accuracy in any distance calculations.

Let's not fall into the trap of believing all the digits our computers spew out.

Second related topic. The ARRL Antenna book has the formulas for finding direction and distance given two sets of lat/lon. But I can't find a reference that shows how to take directions from two known locations and solve for the point where the two lines cross.

I have been told to just use simple trig and solve the triangle. This works fine over short distances such as T-hunting at VHF but falls apart at longer distances where the earth is clearly not flat.

Can anyone help?

John
WA8KNE

Calcuete with computer
Measure with micrometer
Mark with chalk
Cut with ax

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Robert Welch <willis@infinet.com>
Subject: [6500] Great price on QRP+ (fwd)
Message-ID: <Pine.SUN.3.91.960401124358.3282C-100000@user2>

Correction the number is 614-764-8813

mqq
x

----- Forwarded message -----
From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: J0ppen6115@aol.com
Subject: [6470] HW-9 Mystery solved - Thanks
Message-ID: <960401035348_366857472@emout09.mail.aol.com>

Well the list has solved my HW-9 dilemma in record time. I was not aware that the HW-9 required an accessory band pack for the WARC bands. Thanks to all who replied!
72 de John, KJ6HZ

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: "TimCook" <timcook@erinet.com>
Subject: [6484] Johnson Matchbox for Sale
Message-ID: <199604011602.LAA07718@in-mail.erinet.com>

Thought I would offer it for sale here first before anyplace else since there has been some discussion about this tuner here.

For Sale: Johnson 250 Watt matchbox in very good condition. There is one exception, the previous owner drilled 4 small (1/32") in each of the four corners on the top. Other than that it is excellent. All the decals are still there, even the ones on the back. All original knobs, and no modifications other than a small jumper on the relay inside to allow it to operate without power applied. Very clean inside and out. I have the original manual. It works great on my balanced 450 ohm

line, but unfortunately I need to be able to switch it out of line as I also use that antenna for BCB DX'ing. I will sell it for \$125 plus shipping. May consider trades on a general coverage receiver, (table top), or am also looking for a low cost laptop to run my pk-232..
please email for more info
thanks
Tim
NZ8J

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Gary Newberry <garyn@sun.tir.com>
Subject: [6512] Keyer/paddles 4 sale
Message-ID: <9604012003.AA15856@sun>

Hello,

I have the following for sale

1. MFJ Model 493 'Super Menu Driven' keyer for sale, mint !!
it has 8, 4000 character memories plus lots of menu driven
bells and whistles, list \$139.00 , new last year in Dayton,
\$85.00 shipped conus UPS

2. Bencher Paddles, black base, Mint !! \$50.00 shipped conus
UPS

If interested , E-mail me as I'm not currently subscribed to the
group.

72/73 Gary WB8POK garyn@tir.com

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Bill Acito 01-Apr-1996 1625 <acito@asdg.ENET.dec.com>
Subject: [6516] Line Noise
Message-ID: <9604012140.AA05718@us1rmc.bb.dec.com>

Stuart Rohre and I have been conversing back and forth over my
new Gap Titan, and another problem that unfortunately showed up
the same week it was installed.

I have severe line noise on all bands 80-10, strongest on 80 and 40
(s7-s9 at night). Noise stays relatively constant with background
s-level (e.g. s4 during day, s7 at night on 40m)

I know we went through this before, and as much as I am a packrat
of mail messages on certain subjects, I didn't save this string.

Here's the deal:

-New Gap Titan fed through 6 5"-turns of included coax to 150'
of 9913 equivalent to rig.

-problem showed up within the last month or so (I haven't been that active on HF in recent weeks)

-live in residential area. I have a Mass Turnpike entrance (sodium lights?), an industrial factory, and a person on 'house arrest' via wrist band within 1 mile; I have one of New England's largest electrical substations within 2 miles. (the neighborhood is nicer than it sounds, really). Except for the 'house arrest' all have been there for years without any issue before. Lights we're upraged at Mass Pike entrance three months ago.

I have been told to:

-use an AM radio tuned to a blank area to 'fox hunt'
-bang on the local poles with a hand maul, look for a change

Anything else (diagnostic tools, or possible sources)?

b

. - I own my own words -

Bill Acito

acito@asdg.enet.dec.com

|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS ... qrp-ne ... qrp-l ... qrp-arci ... norcal ... arrl life ...

Listen for me on weekend and weekday lunchtime passes
(1630 - 1730Z) of AMRAD-OSCAR 27, portable FN42

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996

From: Larry East <LVE1@inel.gov>

Subject: [6481] QRP List Attachments

Message-ID: <2.2.16.19960401155224.21c7002e@134.20.32.17>

Hay folks -- please don't attach binary coded documents (MIME, Uuencode, etc.) to postings to the list -- OK? If you want to show off your art work, put it on the QRP FTP site.

Thanks and 72 -- Larry W1HUE

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Larry East <LVE1@inel.gov>
Subject: [6482] QRP+'s for sale
Message-ID: <2.2.16.19960401155224.21c74578@134.20.32.17>

Sure seen a lot of QRP+'s for sale the last few days; it that telling us something?? :-) :-) I have one and plan to keep it in spite of its flaws ... but then I enjoy "improving" things!

72, Larry W1HUE/7

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: aw@lib.kth.se (Anders Wandahl)
Subject: [6467] RTTY with QRP+ is plug and play
Message-ID: <199604010625.BAA19738@nss2.CC.Lehigh.EDU>

Tried RTTY with my QRP+ this weekend. It was just plug and play. I used the HamComm 3.0 software with the recommended one-chip interface, which delivers the AFSK signal out of the computers COM-port. QSOed about 10 stations using an output of about 1 Watt, and received very good reports. I worked stations from YO, G, GU, F, EA, ZA, UR5, EK, HA, I. I really do recommend the HamComm 3.0 - this software really has caught the spirit of "QRP" - extremely useful, almost no demands in terms of hardware and computer facilities. (I use a 8088/8 Mhz without HD).

Please try HamComm 3.0 - found at <ftp://ftp.funet.fi/pub/ham/misc/> you won't regret it.

Anyone else for QRP RTTY?

72

Anders SMOHPL

Anders Wandahl
Mathematics Library Tel 46-8-7906155
Royal Inst of Technology Fax 46-8-7907125

S-100 44 Stockholm
Sweden

SM0HPL, GQRP 7970, qrp-1 #30

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Ahlgren Jukka <Ahlgren@ncsbsr02ou.ntc.nokia.com>
Subject: [6471] Schematic diagram for 40-9er?
Message-ID: <315FDEB0@ncsbsr01ou.ntc.nokia.com>

Hi everybody!

I'd like to experiment with a 40-9er tcvr, but I don't have a schematic diagram.

I guess I have already all the components needed and I usually design PCB layouts myself, so I don't need a complete kit.

I wonder if the schema has been published in any magazine(?).

Is there anybody who can help me?

Someone who could send me one?

73, Jukka OH6SC

E-mail: jukka.ahlgren@ntc.nokia.com

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: "David E. Shelton" <deshel01@homer.louisville.edu>
Subject: [6495] Ten-Tec Reflector
Message-ID: <Pine.OSF.3.91.960401120754.14366A-100000@homer.louisville.edu>

Hello,

Does anyone have info on the Ten-Tec reflector that is currently active.
Please reply with address to deshel01@homer.louisville.edu.

TNX es 73/72,

David E. Shelton, RN, BSN KE4FPS

University of Louisville, SON
deshel01@homer.louisville.edu
103560.1177@compuserve.com

KE4FPS@WD9AGK.#SIN.IN.USA.NA (packet) |
"Every Patient Deserves A Nurse!" |
|
QRP ARCI #9079 FISTS #2103 QRP-L #142

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: BWHITTEM@mailgw.sanders.lockheed.com
Subject: [6480] thanks doug es norcal. altoids amp?
Message-ID: <15ff6660@mailgw.sanders.lockheed.com>

ive gotten my altoids special going and i wanted to publicly
thank doug et al for a fine design. it all fit in the
altoids box including a mini switch for a key. im going to
add sidetone cause i gotta have sidetone. how about a
matching altoids amp to bump up to full 5 watts also.
that would make a complete 3 altoids station 1 rig 1 amp 1
antennas es accessories. great for backpacking.
see ya on 7040
73/72
barry
wb1edi
ps my xyl (n1ozf) built the board (her first attempt) and i
stuffed it in the case.

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: "David E. Shelton" <deshel01@homer.louisville.edu>
Subject: [6518] Thanks for Ten-Tec reflector info!
Message-ID: <Pine.OSF.3.91.960401173918.8259A-100000@homer.louisville.edu>

Thanks everyone for the info about the Ten-Tec reflector. I have
subscribed and will be posting lots of messages there.

TNX es 73/72,

-----|
David E. Shelton, RN, BSN KE4FPS |
|
University of Louisville, SON |
deshel01@homer.louisville.edu |
103560.1177@compuserve.com |
KE4FPS@WD9AGK.#SIN.IN.USA.NA (packet) |
"Every Patient Deserves A Nurse!" |

QRP ARCI #9079 FISTS #2103 QRP-L #142

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: cjsterl@ix.netcom.com (Craig J. Sterling)
Subject: [6476] Wash. DC 10 Meter SSB gathering
Message-ID: <199604011443.GAA23623@dfw-ix6.ix.netcom.com>

Gang,

Sunday evening's 10 meter SSB gathering was a lot of fun. I was on
freq.(28.490.00) at 9:00pm EST. Some of the check-ins were:

K4CGY	Jim	Mt. Airey, MD
N4EUK	Steve	Reston, VA
KC4EWT	Dan	Herndon, VA
KR4GL	John	Ashburn, VA
W3CLX	Dick	Gaithersburg, MD

Not bad for a first meeting. With the exception of Dick, W3CLX, all
were QRP-L folks. We exchanged introductions, type of rigs we use,
antennas, etc. All agreed we should "do it again".

Dick has been a ham since 1946 and thought it was great that there were
others interested in low power operating. He mentioned his antenna was
built from "plumbing parts", shower curtain rods! I should have told
him about the verticle antenna design in a past QQ that utilized a
toilet float bulb as a capacitance hat. How's that for a creative use
of "plumbing parts"?

Well, I'm thinking about trying again next Sunday nite...same time and
freq. We need an agenda and maybe a special "guest check-in" of qrp-l
notoriety! I'll work on it.

I'll check back later in the week with a progress report.

Thanks again & 72,
Craig, AA3MD

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: BWHITTEM@mailgw.sanders.lockheed.com
Subject: [6472] yet another fourty-9er

Message-ID: <15fce850@mailgw.sanders.lockheed.com>

well i got mine the other day (friday) and helped my xyl
build it. she had fun with it. i stuffed it into the altoids
box and tried it out. it sure dont like a mismatched
antenna. i havent qsoed with it yet but heard plenty of
sigs.

does anyone have small sidetone mod. kind of defeats the
purpose to drag along my 706 for sidetone.

73 72 de wb1edi

barry

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996

From: "Robert J. Gobrick" <rgobrick@nfld.com>

Subject: [6521] Re: 40-9er success!

Message-ID: <2.2.32.19960331235025.0076a584@public.compusult.nf.ca>

What the heck - just install the 40-9er at the junction of the 40m hamstick
dipole and bring your keyer lines down..

Now you're talking portable...

73/72 Bob VO1DRB/WA6ERB

At 01:11 4/1/96 -0500, you wrote:

>hello fellow qrp'ers!

>just finished building the 40-9er and packaging it with the kc-1 keyer. made
>three contacts already. have contacted turlock, death valley, and san jose,
>ca from my qth in foster city, ca. the rig seems to put out almost 1watt
>when running off of my radio shack 2.5amp regulated power supply at close to
>15volts. sure takes some getting used to listening to a direct conversion
>receiver after being used to the wilderness 40a, sierra, and new qrp plus.
> put the 40-9er and kc-1 in a small metal case with lithium battery, and put
>two small momentary push button switches on either side of the case to act as
>my iambic paddle. sure works out great. now that everything works, it's
>time to start modifying the rig. also antenna used is a 40m hamstick dipole
>mounted on a telescoping painters pole on the balcony of the townhome at
>16ft!

>72's....sk.....e.e

>

>

	Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada	
	QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP	
	Internet: rgobrick@nfld.com	
	bgobrick@lnet.nf.ca	

Compuserve: 70466.1405@compuserve.com

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [6502] Re: 49er Question
Message-ID: <v02130503ad85c79bee00@[199.170.106.28]>

Hi Rob,

>One question that is puzzling me. With the LM380, I was expecting solid
>audio output. But signals that are S-9 in my FT-1000, are very whumpy and
>light in the 49er.

It's possible that the front end of the 40-9er isn't peaked--you can check for this by noting whether you have two peaks in the range of the input trim cap. However, it's more likely that you're simply discovering the limitations of the circuit, which was meant to be as simple as possible, at the cost of higher sensitivity. Explanation:

The LM380 has 6dB less gain than the LM386, and in the single-ended configuration I used in the 40-9er, you lose another 4dB or so, for a total of 10dB less gain than the circuit used in the original NorCal 40. The only reason that I went this way with the circuit is to get to the absolute minimum number of components. Also, the '380 is very stable because of the reduced gain, so it's unlikely that builders will have trouble getting the receiver to work.

But if you really want to improve performance, replace the LM380 with an LM386, and add a second JFET, along with a couple of additional capacitors. In fact, just use the NC40 circuit, less the AGC loop. You should get a dramatic increase in audio.

The tradeoff is that you'll be adding 6 or 7 parts. Also note that the pinout of pins 5-->8 of the '386 is different from the '380. You'd have to make a couple of cuts/jumpers to go this route.

73,
Wayne

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [6491] RE: 9V battery capacities
Message-ID: <01BB1FBA.2BC61300@muenzlerk.uthscsa.edu>

On Monday, April 01, 1996 10:27 AM, David Feldman[SMTP:dgf@netcom.com] wrote:
>Has anyone done capacity testing of various types of 9V "transistor" size
>batteries? What is the mAh of each type (drycell, alkaline, nicad, lithium)
>at qrp-application current levels (say 40 mA rcv, 200 mA xmt, etc.)? I was
>looking at the rat shack 9V lithium cell which claims significantly higher
>capacity than other types in the same form factor, and it seemed that the
>price per watt-hour of lithium vs. alkaline isn't too far off.
>
>73 Dave WB0GAZ dgf@netcom.com
>
>
>

You need to be careful with this. A drycell can't really be rated in mAh. They don't have a linear current curve. For instance, if you have a gell-cell or nicad with a capacity of 10 Ah you can draw 1 amp for 10 hours, and 2 amps for 5 hours. You can't do that with drycells or alkaline batteries. The capacity rating is not linear. You might be able to get 40mAh out of a 9 volt dry cell at 5 mA draw but only 10mAh at 20 mA draw. But to answer your question, a typical 9 volt dry cell will give about 40 mAh and an alkaline will give you about 250 mAh. Lithium batteries are NOT good at all in high current situations, they tend to die quickly. Their claim-to-fame is extremely long shelf life and stability at low current drains. They have about 5 times the capacity of an alkaline battery at a tenth of the current draw. You can increase your operation time if you run two or more 9 volt batteries in parallel. This will limit the current drain on each cell and more than double the mAh capacity.

Kevin, WB5RUE
wb5rue@amsat.org
muenzlerk@uthscsa.edu

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: earwax@indy.net
Subject: [6504] Re: Altoid question
Message-ID: <199604011820.NAA23456@IndyNet.indy.net>

At 10:06 AM 4/1/96, Rick Zabrodski wrote:
>Canadians need to know....what is an Altoid?

>
>
>Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
>Clinical Assistant Professor * NorCal 519 ARCI 7650 GQRP 8329
>Faculty of Medicine, Univ. of Calgary * "Power is no substitute for skill"
>
>
>
>
Rick,

I'm not sure, but I think it's New Jersey Owl Poop!!

73 es etc...

Charlie

Charlie Kuhn, N9NVV
earwax@indy.net
Censor Yourself, Not Others
All Disclaimers Apply

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Pat Taber <ptaber@logicraft.com>
Subject: [6508] Re: Altoid question
Message-ID: <199604011844.NAA71741@nss2.CC.Lehigh.EDU>

At 13:20 04/01/96 -0500, you wrote:

>At 10:06 AM 4/1/96, Rick Zabrodski wrote:

>>Canadians need to know....what is an Altoid?

>>

>Rick,

>

>I'm not sure, but I think it's New Jersey Owl Poop!!

>

>73 es etc...

>

>Charlie

>

Nah. An Altoid is someone who sings lower than a soprano but not as low as an alto.

>>>==>PStJTT

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [6522] Re: Altoid question
Message-ID: <2.2.32.19960331235027.00754a0c@public.compuserve.nf.ca>

Rick, Rick

Altoids are an import from the UK. As a Canadian with \$2 coins the have the Queen on one side and a Bear behind (moonie) you need to bone up on British products sold within the Commonwealth of Canada (maybe British goods don't make it as far West as Calgary?)

Anyway go down to your homespun Walmart and see if they have Altoids there...

73/72 Bob V01DRB in St. John's, Newfoundland (London is closer to St. John's than Calgary..)

PS: I just noted on my Altoids tin that they are made in Great Britian but distributed by Callard & Bowser-Suchard, Inc, Ltd in NEW YORK (New York - the home of American Salsa and Picante Sauce..)

At 10:06 4/1/96 -0700, you wrote:

>Canadians need to know....what is an Altoid?

>

>

>Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
>Clinical Assistant Professor * NorCal 519 ARCI 7650 GQRP 8329
>Faculty of Medicine, Univ. of Calgary * "Power is no substitute for skill"

>

>

>

>

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| Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRP'er Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet: rgobrick@nfld.com |
| bgobrick@nlnet.nf.ca |
| Compuserve: 70466.1405@compuserve.com |
|-----
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From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: QLF@mimi@magic.itg.ti.com
Subject: [6473] re: ANTENNAS

Message-ID: <9604011416.AA06631@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: ANTENNAS

I came across a great book over the weekend that I had totally forgotten I had. Thought it would be of interest to those with the common antenna questions often found on this list. The book is " W1FB's ANTENNA NOTEBOOK", by Doug DeMaw and published by the ARRL. My copy is a 1987 edition, and I don't know if it is still in print or not. If not, it should be.

The book is very light on math and theory, and very heavy on hands-on practical information gleaned from Doug's experience. It covers dipoles, dipole arrays, verticals, long wires, loops, etc. No yagis. Lots of great information of interest to QRP'ers. I particularly enjoyed reading the section on full sized loops.

If you don't have a copy, I'd highly recommend finding one.

73's

Brad, WB0CGH

Brad Bradfield, PE Electrical Design Engineer
(H) 817-321-2960 Texas Instruments, Inc.
(W) 214-462-6230

QLF@MSG.TI.COM

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M)
Collector of wireless and landline Morse keys and accessories.

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996

From: "J. Skalski" <jskalski@acsu.buffalo.edu>

Subject: [6497] Re: Brilliant QRP+ marketing ploy

Message-ID: <Pine.SOL.3.91.960401122228.23248A-100000@autarch.acsu.buffalo.edu>

Good observation...but...

If a poll were taken, I think that you would find different results. I think that many would not lay down more cash on the QRP+.

I had one. It had quite a few design flaws. After two returns I got my money back. I would have to think long and hard (or not at all) about spending that kind of money on that rig.

There are many bargains in used equipment that could easily be converted to qrp. They could be used and keep most of their resale value.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
jskalski@acsu.Buffalo.EDU

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: JDuffy@aol.com
Subject: [6514] Re: Brilliant QRP+ marketing ploy
Message-ID: <960401155401_367115759@mail06>

I don't this was a marketing decision but rather a decision based on the cost of upgrading the QRP+. In fact, I really doubt if Bruce is making any money on the upgrade at all. Think about it, almost all new boards and labor for \$250! He can't be making any money. And what is he going to do with the old boards? Probably trash them.

Index is the first radio manufacturer that I know of that has agreed to upgrade their product at a very nominal price. Beating up on Bruce and Index will only help drive a reputable company, with a great product, from the marketplace.

Regards,

Duffy - WB8NUT

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [6477] RE: CB Channel 19
Message-ID: <01BB1FA7.9091E2E0@muenzlerk.uthscsa.edu>

On Friday, March 29, 1996 6:00 PM, Jeffrey
Hetherington[SMTP:jhetheri@freenet.npiec.on.ca] wrote:

>

>Hi guys. Sorry for the bandwidth, but can anybody help a ham newbie that
>was never into CB. With all the talk of the summer 10m exercises and

>checking CB 19 for possible 10m openings, I was hoping somebody could
>tell me the freq. for CB 19.

>

>Tnx es 73.

> Jeff - VA3JFF

>

>=====

> L. JEFFREY HETHERINGTON

> Niagara Falls, Ontario, Canada

>E-Mail : jhetheri@freenet.npiec.on.ca

>

>

>

CB Channel 19 - 27.185

Kevin, WB5RUE

wb5rue@amsat.org

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996

From: Allen Jones <ajones@adsnet.com>

Subject: [6525] Re: Comment about QRP+ marketing "ploy" not a "ploy" at all?

Message-ID: <199604020143.TAA11241@adsnet.com>

At 06:05 PM 4/1/96 +1030, you wrote:

>I didn't intend to trash anyone here. I just find the situation very

>interesting regarding the pricing of the QRP+; It's better for

>OWNERS to go and sell theirs and buy new one. Financially speaking, it's

>a wash, but there's the issue of warranty:

>

>\$450 plus \$250 = \$700 for a used, updated rig.

>\$695 = new rig, new warranty.

>

Scott . . .

I just received my updated QRP+ today. Index is extending the warranties of
updated rigs for one year from the date of the update. So, an existing
owner really has nothing to gain unless he can sell his older QRP plus for
more than \$450.

72/3 de Allen, K9DZE

ajones@adsnet.com

=====

Allen Jones K9DZE ajones@adsnet.com
Michigan City, Indiana EN61nq
ARCI G-QRP NorCal

=====

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [6469] Re: Forty-9er Help
Message-ID: <199604010721.XAA17270@interval.interval.com>

>Wayne, just finished a NorCal Forty-9er kit. The rig seems
>to work well on receive, although I have noticed that it may
>take a second or so to "turn on". Unfortunately, I am having
>severe self-oscillation problems on xmit.

Les,

I built mine on a protoboard which, ironically, can often improve stability due to all the small capacitances from the circuit to ground. I haven't tried building one on Doug's PC board. On a small board with little ground plane there are lots of potential ground loops, especially with several wires running off to connectors and controls.

However, here are some suggestions:

0. Bypass the voltage regulator as close as possible on both sides with 0.01uF caps. Also add a 2.2uF tantalum (or anything from 1 to 10uF) on the NE602 side of the regulator.

1. Put 1K resistors across the RF chokes in both the driver and PA collector leads. Also, if possible, orient the two so they're at 90-degree angles to each other (mutually orthogonal). This will reduce coupling. [By the way, how far apart are they on Doug's board?]

2. If that doesn't do it, replace these two solenoidal RF chokes with toroids. I'd recommend 10 turns on FT37-43 cores. This will dramatically decrease coupling between the two circuits. Keep the 1K resistors, too, if necessary.

You should also measure the RX and TX current drain--see if they're near 10 and 80mA, respectively. And definitely make sure that the power supply voltage isn't dropping too much on key-down. If it goes below about 6.5V,

the regulator stops working, possibly leading to

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [6475] Re: Forty-9er Help
Message-ID: <960401092319.23eb0925@carib.vf.mmc.com>

Forty-9er enthusiasts:

One potential *giant* source of instability is the battery! I've built a number of 9-volt powered qrp xmtrs (at work and at home), and a goodly number of different receivers, superhet and direct conversion. One common thread in them has been instability from the battery. Direct conversion receivers are particularly sensitive to feedback through the power supply - been there, done that!

The first thing to do is to throw away any carbon zinc or "power cells". Use only alkaline or (if you're rich) lithium batteries. Their much lower internal resistance *is* necessary. I know from many hours of unsuccessful troubleshooting that there is no good way to get around the effects of the wrong kind of battery. And while you're at it, make sure the battery is fresh, internal resistance goes up dramatically when the battery nears end of life :-0.

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: mizrahi@svlhp8.scs.philips.com
Subject: [6509] Re: Forty-9er Help
Message-ID: <9604011904.AA27534@svln20.scs.philips.com>

Joe N2CX wrote:

> One potential *giant* source of instability is the battery!
> ...Use only alkaline or (if you're rich) lithium batteries.
> Their much lower internal resistance *is* necessary...

You eliminate this problem with a bypass cap across the supply.
I added a 0.1 cap in parallel to C12, probably a good thing to

do in general.

So far the radio is totally immune to supply noise. I tried NiCad, Alkaline, a regulated linear supply and a laptop switcher, all with the same good results.

Mine is built on a proto board with a ground plane, so ground loops are not an issue.

ORI AC6AN

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996

From: JEVERHART@cayman.vf.mmc.com

Subject: [6510] Re: Forty-9er Help

Message-ID: <960401144157.23ec2a96@carib.vf.mmc.com>

ORI,

My point was that bypassing is not enough, in general. Carbon-zinc batteries have terrible internal impedance. Perhaps the forty-9er doesn't have high enough gain, but in many dc receivers, the high gain, all at one frequency makes them very sensitive to coupling thru the power supply. I'll have to check mine tonight at home - honeydo's willing.

Sorry that this isn't the answer in your case :-). I ran a dc receiver kit project for our local club some years ago, built into a RS audio amp. 90% of the oscillation problems we ran into were battery induced. Even folks who knew better used crummy batteries and were astounded that a fresh alkaline solved their woes.

72/73,

Joe E., N2CX

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996

From: "Robert J. Gobrick" <rgobrick@nfld.com>

Subject: [6520] Re: Forty-9er Kit

Message-ID: <2.2.32.19960331235005.00a96d84@public.compusult.nf.ca>

Hi Chuck,

Found your statistic "I read in the newspaper that 85% of the people in the USofA live with 5 miles of a Radio Shack" interesting.

My wife has this memorized, but I always tell her that when we're traveling

I can always tell how much "class" a town has by seeing if there's a Radio Shack on main Street or in the Mall. Works every time (classy towns that is..) Of course my wife must think that I have "class" when I bring up this topic when we're on the road...

>

```
-----
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRPPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@nfld.com |
|                bgobrick@nlnet.nf.ca |
| Compuserve:   70466.1405@compuserve.com |
|-----
```

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Joe Everhart <n2cx@voicenet.com>
Subject: [6526] Re: forty-9er kit
Message-ID: <199604020237.VAA00644@mail.voicenet.com>

Chuck, Bob, et al:

About the "85% within 5 miles of a Radio Shack"... Several years ago I ran an engineering crew (radio engineering) who assisted a field service company installing and testing remote radio sites for the Air Force. We considered ourselves to be near civilization if we were within driving distance of

- a.) A Radio Shack
- b.) A McDonalds
- c.) A Holiday Inn

Try that in Monarda, ME, Mechanicsburg, IA, Lewiston, MT , Appleton, WA or Essex CA!

OB qrp: Thsie sitea are super for QRP operation. No electrical noise, no nosy neighbors and *no* nearby QRO ops to cause QRM. Of course the sites we installed had 5 kw xmtrs. :-).

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com
home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Robert Welch <willis@infinet.com>
Subject: Great price on QRP+

Last chance it will not last long at this price .I plan to put info on local Ohio nets next week but wanted to get message to this group first.

\$395 + \$15 shipping if you can't pick it up in Ohio.It has a mfj microphone and a mfj #4112 Power Pack ac/batt so you can run it portable or as a fixed base station .It is in mint condition with all manuals and boxes. This message will not appear again so if you want what was called "qrp dream rig" in CQ Magazine Call Bob w8mcj 1-614-8813

mqq
x

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Richard E Robinson <rrobins@uncc.edu>
Subject: [6487] Re: HW-9 help needed
Message-ID: <Pine.SOL.3.91.960401111727.7365C-100000@unccsun>

John,

Since these are the 4 bands in the HWA-9 add on kit, I would suggest a wiring error by the person who added them. They could have been installed when the kit was originally built, but since these are the only bands giving you trouble, it would suggest wiring errors or misalignment. I added the 4 bands to mine after I traded for the HW-9.

72,

Rick Robinson kf4ar

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Jim Eshleman <lujce@hooch.cc.lehigh.edu>
Subject: [6479] Re: More Pictures
Message-ID: <96Apr1.101708est.57461-12924+9@hooch.CC.Lehigh.EDU>

Chuck & Gang,

Great pics. Moved them as shown below. Careful, I changed the name on two of the files.

73

Jim N3VXI

> enviro1.jpg - Envirotronic 501F model Iambic Paddle
> I did this in sunlight (early this morning with
> mirror to eliminate shadows, but didn't get them
> all. Working on more, standby a day or two.

Moved to ftp://ftp.lehigh.edu/pub/listserv/qrp-1/pictures/keys/enviro1.jpg

> gm40.jpg - Better view of above paddle on top of instruction
> manual for the NEW NN1G GM-40 which I'll try to
> assemble this week or weekend. Nice green cover.
> The ziplock (tm) on the left is the complete kit.

Moved to ftp://ftp.lehigh.edu/pub/listserv/qrp-1/pictures/keys/enviro2.jpg

> group1.jpg - SWL-30 on the left. Note the list of freqs on top.
> I calibrated for each of the dots.
> 1.4Ahr Gel-cell in the middle.
> Envirotronic 501F on the right hand side.
> 6" ruler in front

Moved to ftp://ftp.lehigh.edu/pub/listserv/qrp-1/pictures/rigs/swl30.jpg

> viambic.jpg - Vibroplex Dual-Paddle Iambic with grey base.

Moved to ftp://ftp.lehigh.edu/pub/listserv/qrp-1/pictures/keys/viambic.jpg

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>
Subject: [6505] RE: NW8020
Message-ID: <48560.owen@apollo.eeel.nist.gov>

Finally I replaced the 602 and got
> STUFF.
> Went ahead and peaked it up - set the transmit to 4 volts and was already
> for 20 come morning...not!
>
> When I switched from the dummy load to the antenna (simple dipole) it all
> went wrong. My nice clean sidetone developed a sore throat. Transmit was
> putting out several watts more than it should have. Checked the swr and
> the meter claimed that it was something like 10:1. Frequency counter
> showed somewhere around 7mhz but couldn't lock.
>
> I don't believe that my antenna is out of whack. Put the MFJ analyzer on
> it and according to that swr at 14030 is 1.7:1. I believe that, when I
> put the antenna up I was originally using it with a TS520 and had about
> the same values.
>
> Any ideas?
>
I have one idea Wayne as I have had a similar problem with a Ten-Tec Delta
in the past. I think it's possible that when you switched from your Dummy
Load to the 40 meter antenna that you had a static charge on the antenna
that then discharged through the rig and destroyed some SS device. A antenna
that is just floating will build up a fairly high charge from 10's to 100's
of volts. My Delta would frequently blow the diodes in the power meter
circuit and the control fet that was connected to them. I replaced many and
even modified the circuit to put in sockets. I then realized that the
problem only occurred when I switched to the 75 meter antenna which meant
that the coaxial switch had to pass through the 40 meter position. Oh yes,
the way I discovered this was I once forget to switch to the off position
and the rig came up fine on 75m when I switched to the 20 meter beam the
diodes blew and the only common thread was the 40 meter dipole. I soldered
470k ohm 1/2 watt resistors across each coaxial switch output and have had
no problems in the last 8 years. You need to be sure that any charge on the
antennas are bled to ground before you connect to the rig. Try it, this
could be your problem. 73 Jim K4CGY qrp-1 #72

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: W3HMS@aol.com
Subject: [6513] Re: Paul Harden....CQC Articles....SUPER!!!!!!!
Message-ID: <960401154208_367108853@emout04.mail.aol.com>

Paul.....I look forward to buying the new book. By the way, if you will be
doing some DP books, put me down for a gross!

73,

John

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: "Taylor Greg" <GTAYLOR@ag-eco.tamu.edu>
Subject: [6474] Re: RTTY with QRP+ is plug and play
Message-ID: <5276375343@ag-eco.tamu.edu>

I had been wondering about this but hadn't got around to posting a query. Wonder what experience is of folks using the QRP+ on other digital modes?

Greg, KD4HZ

Dr. Gregory S. Taylor !MAIL: 110 Dairy Science Building
Extension Program Leader for ! College Station, TX 77843-2124
Community Development !VOICE: 409-845-4445
Texas Agricultural Extension Service!FAX: 409-847-8744
Texas A&M University System !EMAIL: Reply or g-taylor4@tamu.edu

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: List Admin/Owner BoatAnchor Mail List <listown@jackatak.theporch.com>
Subject: Re: SIGNOFF BOATANCHORS

Hello Stan-

> I find your attitude most un-internet, hopefully there are not a lot of
> organizations like you, especially in ham oriented activities
I am quite puzzled by this... there has been plenty of warning and
discussion about the change-over to a paid list.

We agreed that a \$12 annual "dues" would not be excessive, and would cover most of the costs that Phil and I have shelled out of our own pockets to support the list.

If you feel that asking those people who read and subscribe to the list should help cover the costs to two individuals as "un-internet" and against some lofty principle, consider this:

Last year, 1995, Phil and I together shelled out over \$8,000 to run

the list... That came out of *MY* pocket, and out of Phil's pocket.
We are simply seeking to get the list subscribers to support the list
with a small contribution of \$12.00 per year.

Repeater owners and radio clubs have done this for years.

If you didn't feel there was any value to the list, why did you wait
until after the posted deadline, and then only complain after I sent
an unsubscribe through for you?

There is a principle at work here, Stan, and I think you are widely
missing the point: NO WHERE, not on the internet, not in real life, is
it reasonable for one (you) to expect that someone else (Phil and me)
will always pick up the tab... we took the list private and off the
"free" university and company sites, because we found we were always
looking for a new site. Had you but read the welcome message when you
signed on, you'd have known that we were trying to fund the list with
voluntary contributions... and when so few volunteered, we had little
choice but to go with a dues or subscription fee... and 450
subscribers disagree with you -- they paid and value the list.

If the \$12 fee is too much for you, we have scholarships, but one must
wonder how you can afford a computer, ISP fees, and net connection,
and not be able to spend \$0.03 a day for the BA list, unless it is of
no value to you, in which case, why object? And, why not unsubscribe
yourself sooner?

--

73

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)
- - - BoatAnchor Mailing List Archiver/Owner - - -
listown@jackatak.theporch.com ---- firebot1@jackatak.theporch.com

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Stan Skelton <sskelton@cln.etc.bc.ca>
Subject: [6490] Re: SIGNOFF BOATANCHORS (fwd)
Message-ID: <Pine.3.89.9604010850.B162-0100000@sparky>

Thought you might like to see what's going on in Boatanchors....
TtFn....Stan T.M. VE7 SKT QRP-L #34

----- Forwarded message -----

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Richard E Robinson <rerobins@uncc.edu>

Subject: [6493] Re: SIGNOFF BOATANCHORS (fwd)
Message-ID: <Pine.SOL.3.91.960401120609.7365F-100000@unccsun>

On Mon, 1 Apr 1996, Stan Skelton wrote:

> Thought you might like to see what's going on in Boatanchors....
> TtFn....Stan T.M. VE7 SKT QRP-L #34

..... snip, snip

What's your point, Stan? And what does this have to do with QRP?

72/73,

Rick kf4ar

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Stan Skelton <:sskelton@c1n.etc.bc.ca>
Subject: [6496] Re: SIGNOFF BOATANCHORS (fwd)
Message-ID: <Pine.3.89.9604010937.A6463-0100000@sparky>

2 points Richard...lets not let QRP-L go this route, and some (maybe
lots) of QRP enthusiasts have more than 1 interest.
TtFn....Stan T.M. VE7 SKT QRP-L #34

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [6498] Re: SIGNOFF BOATANCHORS (fwd)
Message-ID: <Pine.SOL.3.91.960401122451.15103C-100000@utkux4.utcc.utk.edu>

On Mon, 1 Apr 1996, Richard E Robinson wrote:

> On Mon, 1 Apr 1996, Stan Skelton wrote:
>
> > Thought you might like to see what's going on in Boatanchors....
> > TtFn....Stan T.M. VE7 SKT QRP-L #34
>
> What's your point, Stan? And what does this have to do with QRP?
> 72/73,
> Rick kf4ar

>

Stan's message may not interest us as QRPers, but it does--or should--interest us as internet users. Dues for e-mail subscriptions raises many questions, the answers to which might be interesting, informative, and possibly predictive of things to come in the "private" sector. Although we hope otherwise, our "free" service is actually a subsidized public service--in this case, of Lehigh University. Suppose we had to move to a .COM site and the owner decided to charge. . .

-73-

LB, W4RNL

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: kf8at@detroit.ampr.org
Subject: [6501] Re: SIGNOFF BOATANCHORS (fwd)
Message-ID: <2166@detroit.ampr.org>

On Monday 1 April 1996, Stan Skelton wrote:

>Thought you might like to see what's going on in Boatanchors...

....snip

What's this got to do with QRP?
(must be an April Fool's joke, of something)

72, 73,
Floyd, KF8AT
QRP-L #392

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Richard E Robinson <rerobins@uncc.edu>
Subject: [6503] Re: SIGNOFF BOATANCHORS (fwd)
Message-ID: <Pine.SOL.3.91.960401124213.7365J-100000@unccsun>

On Mon, 1 Apr 1996, L. B. Cebik wrote:

> Stan's message may not interest us as QRPers, but it does--or
> should--interest us as internet users. Dues for e-mail subscriptions
> raises many questions, the answers to which might be interesting,
> informative, and possibly predictive of things to come in the "private"
> sector. Although we hope otherwise, our "free" service is actually a
> subsidized public service--in this case, of Lehigh University. Suppose
> we had to move to a .COM site and the owner decided to charge. . .

L.B. and Stan, I have subscribed to Boatanchors for over 3 years and gladly paid my \$12. If Lehigh wants \$12 a year, I'll gladly ante up.

QRP-L and Boatanchors are valuable resources and well worth a nominal fee. My point is, Jack and Phil's decision to charge for their services has *nothing* to do with QRP other than a concern that this charging for a list subscription will spread.

It's interesting to note that the folks who contributed most of the info to Boatanchors over the years are still there. I'll bet the same would be true of QRP-L if it went subscription.

Let's not waste anymore QRP-L bandwidth with Boatanchors grumbling.

72/73,

Rick kf4ar

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [6523] Re: SIGNOFF BOATANCHORS (fwd)
Message-ID: <Pine.SOL.3.91.960401194107.19716B-100000@utkux4.utcc.utk.edu>

On Mon, 1 Apr 1996, Richard E Robinson wrote:

> Let's not waste anymore QRP-L bandwidth with Boatanchors grumbling.
> Rick kf4ar
>

Curious how you automatically classify something as "grumbling" about boatanchors. In my case, nothing can be further from the truth, since I have never subscribed. However, the questions remain important, both to those willing to pay and those who take "free" services for granted (which is relevant to QRP-L and other similar services). So please do not be too hasty in classifying something out of relevance, just because you disagree with the original source. The questions posed by others just might be neutral to any disagreement.

However, it would be interesting to know--and I am not requesting a vote--indeed I am not requesting further discussion--how many of our number would be willing to pay to be members of QRP-L if someday it cost an annual fee to participate. One reason I would not like instant replies is that it is not as easy a question as it looks. Ability to pay. Cost vs. benefit ratio. Feelings of camaraderie (hard to put a price on that). Lots more reasons for being a member of QRP-L, and perhaps some others against paying.

In the course of QRP discussions, we encounter lots of not-strictly-QRP messages. Most have a jovial nature. However, an occasional thought-provoking exchange ought also to be allowed from time-to-time. And not only allowed, but thought about for the future.

-73-

LB, W4RNL

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: Re: Ten-Tec Reflector

Send the following command in email to "tentec-request@akorn.net":
subscribe

* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** VHF @ <25w, HF @ <5w *** Save a cake, pound BRASS instead ***
* 138 cfd with dipoles * QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC *
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: "David E. Shelton" <deshel01@homer.louisville.edu>
Subject: [6524] Re: Ten-Tec Reflector (fwd)
Message-ID: <Pine.OSF.3.91.960401203011.727B-100000@homer.louisville.edu>

David E. Shelton, RN, BSN KE4FPS |
|

University of Louisville, SON |
deshel01@homer.louisville.edu |
103560.1177@compuserve.com |
KE4FPS@WD9AGK.#SIN.IN.USA.NA (packet) |
"Every Patient Deserves A Nurse!" |
|
QRP ARCI #9079 FISTS #2103 QRP-L #142

----- Forwarded message -----

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [6463] Re: VE7CQK / qrp WPX SSB
Message-ID: <Pine.SUN.3.92.960331213117.27399B-100000@ume>

Well, it looks like Paul wins Qrp WPX SSB for Canada.
His 75,000 points blows away my 14,000.
82 qs with 74 mutipliers into 4 continents....yes, got africa!

I am amazed that he worked 23 stations on 15 meters. I only HEARD 4
stations and worked two of them....one was z16cc however!
20 meters was the best I have heard in a long time....working europe first
call in a ssb contest , this I had not done in the previous 18 months.

Hope this is a sign of better things to come.!

BTW, my 20 meter monobander is sick...this was all done with an inverted
vee for all you "long wire up 15 feet purists"! ;-)

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Clinical Assistant Professor	*	NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary	*	"Power is no substitute for skill"

From owner-qrp-1@Lehigh.EDU Mon Apr 1 22:10:04 1996
From: kellner@usa.acsys.com (Richard G. Kellner)
Subject: [6464] Re: [6282] Ford Explorer RF Noise
Message-ID: <9604010516.AA27514@usa.acsys.com>

David, I have a Ford Explorer (actually two of them) and I had the
same noise problem on the HF bands. There is a Ford mod, and if you are
still under warranty, which you should be with a '95 vehicle, then Ford
does the mod at no charge. The mod completely cuts out the fuel pump
noise, and only the ignition noise is left. With my rig, the noise

blanker removes the remaining (much lower level) ignition noise.

73, Rich W5RXP